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## PATENT ABSTRACTS OF JAPAN

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## (54) RADIO EQUIPMENT

(57) Abstract:

**PROBLEM TO BE SOLVED:** To obtain a radio equipment with extremely good operability which removes the annoyances of sound volume adjustment and outputs a sound by a speaker always with easy-to-listen sound volume by automatically adjusting the sound volume of the speaker according to ambient noise level.

**SOLUTION:** An electronic volume, which automatically adjusts the sound volume under the control of a control part 103, is arranged between a radio part 104 and the speaker 107 and a memory stored with a data table regarding the relation between the input level of a microphone 106 and the output of the speaker 107 is connected to the control part 103. The electronic volume is thus provided and the memory is connected, then the memory finds the output level of the speaker from the input level of the microphone and the control part operates the electronic volume according to the output level of the speaker, so that the sound volume of the speaker can automatically be adjusted according to the ambient noise level.

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